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**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 11/8/2013**

Instrument Serial Number: 012225	As of 08-Nov-13
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Maintenance Date	Certification Date	Technician Initials	Remarks
08-Nov-13	27-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.
27-Aug-13	27-Aug-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
09-Aug-13	04-Mar-13	MMB (26417)	REPLACED DRY GAS STANDARD.
10-May-13	04-Mar-13	DBH (21250)	REPLACED DRY GAS STANDARD.
04-Mar-13	04-Mar-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
21-Feb-13	21-Feb-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
14-Dec-12	20-Sep-12	TLN (25387)	REPLACED DRY GAS STANDARD. REPLACED PRINTER RIBBON.
20-Sep-12	20-Sep-12	DBH (21250)	CERTIFIED, REPLACED DRY GAS STANDARD.
30-Jul-12	10-Jul-12	DBH (21250)	REPLACED DRY GAS STANDARD.
10-Jul-12	10-Jul-12	DBH (21250)	CERTIFIED.
29-Jun-12	29-Jun-12	TLN (25387)	CALIBRATED, CERTIFIED AND ACCEPTED.

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INTOX EC/IR II

Quality Assurance Worksheet

Instrument Serial Number 012225 Worksheet Start Date 11/8/2013

Location Henrico Co Jail

Address 4301 E Parham Rd Richmond VA 23228

DFS Technician Michelle Billeter License No. 26417

☐ Laboratory ☒ On-Site

Site Specifications

	Yes	No
1 Secured Environment: Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Environment free from contaminants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Dedicated telephone line: The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 Adequate Ventilation: Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Stable temperature controls: The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 115VAC power source: Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7 Room Condition: The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Old serial no.	New serial no.	Supplies
E-Seek		Mouthpieces
Keyboard		Certificates of Analysis
Printer		Operator Worksheet
UPS		Other:

Maintenance (if any)

Comments (if any)

Instrument Serial Number 012225

Certification Date

Instrument Barometer (mm HG) 754

Reference Barometer (mm HG) 760

Reference Barometer(RB)Serial # 009111

RB Calibration Due 5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☒ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG217702-22

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.100
0.100	0.099	0.096	0.102	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0		0.100	0.100		

DFS Technician

Michelle Butler

Date

11/8/13 *11/9/13 mmb*

Issuing Analyst

Mehmet Kennedy

Date

11/19/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

DFS Document 250-F113

Revision 6

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TLN

Intox EC/IR-II: Accuracy Check

MMB

Department of Forensic Science

MMB

Serial Number: 012225 Test Number: 1426

Test Date: 11/08/2013 Test Time: 13:32 EST

Dry Gas Target: 0.298

Lot Number: AG322702-03 Exp Date: 08/15/2015

Tank Pressure: 247 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:33
CHK	0.303	13:34
BLK	0.000	13:35
CHK	0.303	13:36
BLK	0.000	13:37
CHK	0.302	13:38

Test Status: Success

Calibration CRC: 65149449

mms

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

11/9/13 mms
AG 217702-22
Serial Number: 012225 Test Number: 1427
Test Date: 11/08/2013 Test Time: 13:42 EST
Dry Gas Target: 0.099
Lot Number: ~~AG2217702-22~~ Exp Date: 06/25/2014
Tank Pressure: 649 psi Barometric Pressure: 754 mmHg
System Check: Passed

Test	g/210L	Time
BLK	0.000	13:42
CHK	0.100	13:43
BLK	0.000	13:45
CHK	0.100	13:45
BLK	0.000	13:47
CHK	0.100	13:47

Test Status: Success

Calibration CRC: 65149449

Typed incorrect lot number
into instrument memory
11/9/13 mms




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

MMB
NJK

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY BILLETER, MICHELLE, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 26417	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 11/08/2013
TEST EQUIPMENT NUMBER 012225		

RESULTS: TIME SAMPLE TAKEN 13:55 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 08 Nov 2013 at 15:20

mmB

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Test Results

Instrument Serial Number 012225

Test # 001428 Subject Test

Test Location 1 Department of
Test Date 08 Nov 2013

Test Location 2 Forensic Science

Test Time 13:49

Test Location 3

System Check Passed

Remote/Local Local

Operator's Last Name BILLETER
Agency DFS Central Lab

Operator's First Name MICHELLE

Operator's Middle Initial M

License Number 26417

Card Serial Number 126417

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 08 Nov 2013 End Time 13:56

Result Time 13:55

Result Date 08 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:49

Data Type BLK

Sample Value 0.000

Sample Time 13:50

Data Type CHK

Sample Value 0.100

Sample Time 13:51

Data Type BLK

Sample Value 0.000

Sample Time 13:52

Data Type SUBJ

Sample Value 0.000

Sample Time 13:53

Data Type BLK

Sample Value 0.000

Sample Time 13:54

Data Type SUBJ

Sample Value 0.000

Sample Time 13:55

Data Type BLK

Sample Value 0.000

Sample Time 13:56

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG2217702-22

Standard Expiration Date 06/25/2014

Tank Pressure 639

Barometric Pressure 754 mmHg

Blow Sample Number 1 Blow Duration 3.37 sec

Blow Volume 1587 cc End-of-Blow Time 13:53

Blow Sample Number 2 Blow Duration 4.11 sec

Blow Volume 1758 cc End-of-Blow Time 13:55

Tamper Evident Stamp ad252478

Test Status Code 0

Test Status Success

Typed incorrect lot number
into instrument memory.
11/13/13 mmB

Instrument disabled
11/12-13/2013 msk 11/19/13